Job Code: 005-20-000013
EST Cost: 500.00 Lakhs.

M. A. R. 57 (Rule 116)

Measurement Book

No. E

Serial No. ..... Construction of RO plant and Drilling & 637353 Borewells

Name of work Installation of pumps and Motors, providing pipeline and

Name of Contractor of nature of Agency. Additional Motor pumps and Necessary

Date of commencement of work. Accessories to Existing Borewells in Bellahalli

Kattigenahalli Chokkanahalli Thirumenahalli

Pillenahalli Jalkur (Cogilu) in Ward No-65 Sampigenahalli Somampura

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No. EE(project)/4NL Zone/WO/46/20-21						
	Dt: 13/7/20.						
	Name of Contractor: M/s Sathya Borewell cleaning.						
(1)	Geophysical invetigation of site for sriking borewell.						
						UDA	85.0 NO
						DPA	85.0 NO
						Now to pay	NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Sinking of Borewell of 165 m.m dia clear using fast hydraulic rig 0 to 50 m					UDA	4250.0 m
						DPA	4250.0 m
						Now to pay	NIL
(3)	Sinking of Borewell of 165 m.m dia clear using Super fast hydraulic rig 50 to 100 m					UDA	4250.0 m
						DPA	4250.0 m
						Now to pay	NIL
(4)	Sinking of Borewell of 165 m.m dia clear using Super fast hydraulic rig 100 - 150 m					UDA	4250.0 m
						DPA	4250.0 m
						Now to Pay	NIL

M. A. R. 57 (Rule 116) No. E 637354

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Sinking of Borewell		150 to 200 m			UDA	4250.0 m
						DPA	4250.0 m
						Now to Pay	NIL
(6)	Sinking of Borewell		200 to 250 m			UDA	4250.0 m
						DPA	4250.0 m
						Now to Pay	NIL
(7)	Sinking of Borewell		250 to 300 m			UDA	4250.0 m
						DPA	4250.0 m
						Now to Pay	NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(8)	Sinking of Borewell 300 to 350 m					UPA	4250.0 m
						DPA	4250.0 m
							NIL
	Now to pay						
(9)	Sinking of Borewell above 350 m					UPA	4250.0 m
						DPA	4250.0 m
							NIL
	Now to pay						
(10)	Supplying of ISI Mark 175 m.m nominal bore medium black ERW casing pipe					UPA	5098.0 m
						DPA	5098.0 m
							NIL
	Now to pay						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 637355

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(11)	Providing & fixing 250 m.m dia PVC pipe						
	up to 125 ft.					UPA	862.50 m
						DPA	862.50 m
							NIL
	Now to pay						
	Above 125 ft.					UPA	247.50 m
						DPA	247.50 m
							NIL
	Now to pay						
(12)	175 m.m dia M.S Casing Collars					UPA	35.00
						DPA	35.00
	Now to pay						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	M.S. casing pipe collars 'C' class					UPA	849.50 m
						DPA	849.50 m
				NOW TO pay			NIL
(14)	Fabricating supplying & mounting MS box 4 16 SWG					UPA	1738000.0 cm²
						DPA	1738000.0 cm²
				NOW TO pay			NIL
(15)	Labour charges for erection of new submersible pump Set- up to 125-1.					UPA	4312.00 NO
						DPA	4312.00 NO
				NOW TO pay			NIL

M. A. R. 57 (Rule 116)
Measurement Book

No. E 637356

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Above 125-1.					UPA	58.00
						DPA	58.00
					NOW to pay		NIL
(16)	Supplying & fixing of porcelain fuse channel					UPA	207.0 NO
						DPA	207.0 NO
					NOW to pay		NIL
(17)	Supplying & laying of L.T.U. & cable					UPA	2415.0 mtr
							2415.0 mtr
					NOW to pay		NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Digging of trenches of 0.9m m X [illegible] mtr. wide					UDA	2415.0 mtr
						DPA	2415.0 Mtr
							NIL
				NOW to pay			
(19)	Supplying & fixing class-A GI pipes					UDA	138.0 mtr
						DPA	138.0 Mtr
							NIL
				NOW to pay			
(20)	Supplying & fixing wiring earth electrode for grounding conduits					UDA	69.0 NO
						DPA	69.0 NO
							NIL
				NOW to pay			

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
637357
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(21)	Supply & fixing LT cast-iron pot heads suitable 1.1KV.					UDA	69.0 NO
						DPA	69.0 NO
							NIL
				NOW to pay			
(22)	Supplying & fixing of polished wood board					UDA	69.00 NO
						DPA	69.00 NO
							NIL
				NOW to pay			
(23)	cleaning of borewell including yield testing					UDA	3.0 W
						DPA	3.0
						NOW to pay	NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(24)	Borewell clamp					VDA	69.0 NO
						DPA	69.0 NO
						NOW to pay	NIL
(25)	Supply & delivery at site brand new 1ph maker suitable HP Submersible pump of 17.50 HP 20 stage					VDA	43.0 NO
						DPA	43.0 NO
						NOW to pay	NIL
(26)	Supply & delivery at site brand new 1ph maker suitable HP Submersible pumpset-					VDA	26.0 NO
						DPA	26.0 NO
						NOW to pay	NIL

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No. .....
637358

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(27)	providing laying & jointing GI pipes					VDA	26226.0 Rmt
						DPA	26226.0 Rmt
						NOW to pay	NIL
(28)	Supply & fixing Heavy collar for GI pipes					VDA	4410.00 NO
						DPA	4410.00 NO
						NOW to pay	NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(29)	Supplying & Submersible pump. Cable					UDA	54312.37 Mtr
						DPA	54312.37 Mtr
						Now to pay	NIL
(30)	Supplying & delivery at site brand new (Eesen Lotus Sunrise/ Adarsh / Glc Controls motor Control panel board					UDA	69.0 No
						DPA	69.0 No
						Now to pay	NIL
(31)	Supplying & delivery of brand SD m.m Gate valve						

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No. .....
637359

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						UDA	69.0 No
						DPA	69.0 No
							NIL
(32)	Supplying & Delivery of brand SD m.m Non return valve					UDA	69.0 No
						DPA	69.0 No
						Now to pay	NIL
(33)	Supplying & fixing MCB					UDA	69.0 No
						DPA	69.0 No
						Now to pay	NIL

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(34)	Earthwork Excavation for foundation						
						UDA	11392.20 m³
						DPA	11392.20 m³
						Now to pay	NIL
(35)	providing & installing at site of work bz mason						
						UDA	25316.0 m
						DPA	25316.0 m
						Now to pay	NIL
(36)	Refilling available earth around pipeline						
						UDA	11392.20
						DPA	11392.20
						Now to pay	

M. A. R. 57 (Rule 116) **No. E**
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

637360

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E1 (37)	Supply & delivery at site brand new & ex mo make suitable HP. submersible pumpset - 15HP 35 stage						
	⑧ Late 70426.14/ Each					UDA	6.0 NO
							= 422557=00
E2	Supply & delivery at site brand new & ex mo make suitable HP submersible pumpset - 12.5 HP 25 stage						
	⑨ Rate 58664.92/ Each					UDA	1.0 NO
							= 58665=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E3	Supply & delivery at site brand new texmo make suitable HP submersible pumpset 10 HP 30 stage @ Rate 60798.00/ Each					UDA	5.0 no = 303994=00
E4	Supply & delivery at site brand new texmo make suitable HP submersible pumpset @ Rate 51948.00/ Each					UDA	10 HP 30 stage 1.0 no = 51948=00
E5	Supplying & submersible pumpset cable @ Rate 112.21/m					UDA	600.0 m = 67388=00

M. A. R. 57 (Rule 116) No. E

Measurement Book

637361

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BESCOM charges @ Rate 20178/ Each	17.5 HP				UDA	53 NO = 1069434=00
	BESCOM CHARGES @ Rate 21528/ Each	20 HP				UDA	16 NO 344448=00
	Total of other ER item excluding GST						1413882=00
	Total of PWD ER item						904552=00
	12% GST for only PWD SR items						108547=00
						Total	2426981=00

25/10/22

Asst. Engineer 22/05/2023

Project Div 2405000-00

2405453-00

3rd & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Head of Account P.S.H.H		Hodali - 8139731-00				
	Audited & admitted for Rs. 2410500		Revised - 7892531-00				
	.....						
	 2149500-00		BA			2410500-00	
	.....by Cheque		Ur			18100-00	
	and Rs. 255500-00 .....by Adjustment		Elec			21500-00	
			Sewa			21500-00	
			Cr			2400-00	
			Fire			17650-00	
			Swr.			24100-00	
			FSD			120250-00	
						255500-00	
						2149500-00	

Head Clerk
Project Division

Asst. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P